

Converting Colors

$Y_{xy}(22.0365, 0.3815, 0.3671)$

Have a look what the booklet for
Yxy(22.0365, 0.3815, 0.3671)
contains.

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Color

Yxy(22.0546, 0.3813, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	9B7B64
RGB	155, 123, 100
RGB Percent	61%, 48%, 39%
CMY	0.3921, 0.5176, 0.6079
CMYK	0.00, 0.21, 0.35, 0.39
HSL	25°, 22%, 50%
HSV	25°, 35%, 61%
XYZ	22.9015, 22.0546, 15.1055
YIQ	129.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

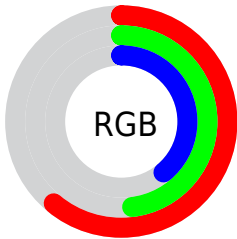
Format	Color
R_{YB}	155, 140, 100
Decimal	10189668
CIE _{Lab}	54.08, 9.04, 17.30
CIE _{LCh}	54, 19.521, 62.406
Yxy	22.0546, 0.3813, 0.3672
Android (android.graphics.Color)	4288379748 (0xFF9B7B64)
YUV	129.9460, -14.7634, 21.9724
Hunter-Lab	46.9623, 4.8626, 13.8029

Details

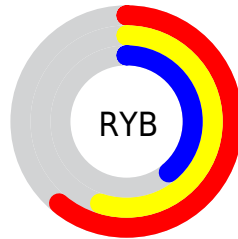
The Yxy color **22.0546, 0.3813, 0.3672** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5787, 0.2584, 0.2871**, and the grayscale version is **22.3498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5959, 0.3657, 0.3588**, and **8.0382, 0.4100, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **19.6481, 0.4070, 0.3781**, and if you desaturate by 10%, it is **24.7265, 0.3585, 0.3560**.

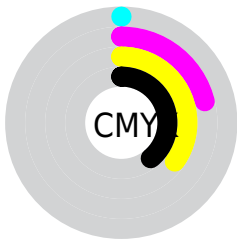
Distribution



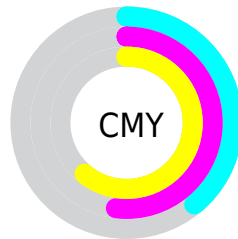
- Red (61%)
- Green (48%)
- Blue (39%)



- Red (61%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (39%)





- Cyan (39%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0546, 0.3813, 0.3672 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 22.0546, 0.3813, 0.3672 by changing the saturation by 10% instead.


 22.0546, 0.3813,
0.3672


 22.0546, 0.3813,
0.3672


262.8313, 0.3426,
0.3466


 13.8970, 0.3927,
0.3727


 46.8362, 0.3660,
0.3594

 8.0491, 0.4085,
0.3800


 64.2291, 0.3607,
0.3566

 4.1264, 0.4316,
0.3897

 85.4691, 0.3563,
0.3542

 1.7445, 0.4762,
0.4093

 110.9408, 0.3526,
0.3522

 0.4522, 0.5899,
0.4101

141.0284, 0.3495,
0.3505

 0.0000, 0.0000,
0.0000

176.1164, 0.3469,

0.3490

216.5893, 0.3446,
0.3478

■ 22.0546, 0.3813,
0.3672

■ 22.0546, 0.3813,
0.3672

■ 19.6481, 0.4070,
0.3781

■ 24.7265, 0.3585,
0.3560

■ 17.4950, 0.4354,
0.3879

■ 27.6689, 0.3385,
0.3450

■ 15.5870, 0.4657,
0.3955

■ 30.8908, 0.3212,
0.3345

■ 13.9140, 0.4964,
0.3999

■ 34.3997, 0.3063,
0.3246

■ 12.4652, 0.5256,
0.3998

■ 38.2030, 0.2934,
0.3155

■ 11.2276, 0.5511,
0.3947

■ 42.3076, 0.2823,
0.3071

■ 10.7296, 0.5623,
0.3918

■ 46.7202, 0.2727,
0.2994

■ 51.4473, 0.2644,
0.2924

■ 56.4953, 0.2571,
0.2859

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.0546, 0.3786, 0.3396



22.0546, 0.3813, 0.3672



22.0546, 0.3647, 0.3869

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.0546, 0.3813, 0.3672



22.0546, 0.2693, 0.3461



22.0546, 0.2884, 0.2739

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.0546, 0.3813, 0.3672



21.5787, 0.2584, 0.2871

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.0546, 0.2615, 0.2729



22.0546, 0.3813, 0.3672



22.0546, 0.2510, 0.3125

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.0546, 0.3813, 0.3672



22.0546, 0.2995, 0.3761



22.0546, 0.2483, 0.2862



22.0546, 0.3232, 0.2877

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.0546, 0.3813, 0.3672



22.0546, 0.3456, 0.3918



22.0546, 0.2483, 0.2862



22.0546, 0.2782, 0.2721

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.0556, 0.3813, 0.3672



51.9516, 0.3308, 0.3404



17.7512, 0.3470, 0.2769



11.5980, 0.3330, 0.3418



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.0556, 0.3813, 0.3672



35.8641, 0.4026, 0.3763



29.8368, 0.3669, 0.4085



6.6260, 0.3273, 0.3383



8.6896, 0.5608, 0.3929



0.1994, 0.4931, 0.4466

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.5787, 0.2584, 0.2871



34.8623, 0.2459, 0.2753



15.0939, 0.2515, 0.2346



6.5932, 0.2989, 0.3195



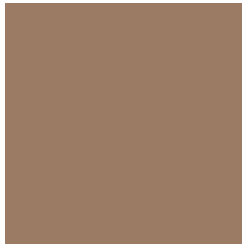
7.8747, 0.1859, 0.1891



0.1894, 0.2043, 0.2553

Previews

White Background



This preview shows how the Yxy color 22.0546, 0.3813, 0.3672 looks on a white background.

Color Contrast Check

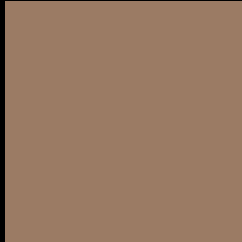
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 22.0546, 0.3813, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

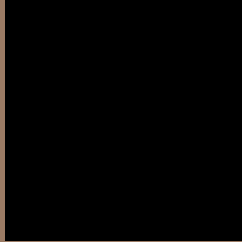
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.0546, 0.3813, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 22.0546, 0.3813, 0.3672.



This preview shows how white text looks on a background with the Yxy color 22.0546, 0.3813, 0.3672.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.0546, 0.3813, 0.3672

Protanopia

22.0831, 0.3530, 0.3752

Deuteranopia

22.0108, 0.3769, 0.3694



Tritanopia

22.0213, 0.3514, 0.3146

Trichromacy



Original Color

22.0546, 0.3813, 0.3672

Protanomaly

22.0673, 0.3627, 0.3724

Deuteranomaly

22.1077, 0.3782, 0.3692

Tritanomaly

21.9090, 0.3625, 0.3324

Monochromacy



Original Color

22.0546, 0.3813, 0.3672

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9996, 0.3363, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0546, 0.3813, 0.3672 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 123, 100)` looks like.

```
.text, #text, p{  
    color:rgb(155, 123, 100)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 123, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 123, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.0546, 0.3813, 0.3672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 123, 100) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 123, 100) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 123, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 123, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 123, 100);  
box-shadow:4px 4px 4px 4px rgb(155, 123,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0546, 0.3813, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 123, 100) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
123, 100) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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